

Species *Kastediaba glebica*^{Ts}

Etymology

[gle.bi'ca] **L. fem. n.** *gleba*, clod or lump of earth; **L. fem. adj. suff.** *-ica*, suffix used with the sense of belonging to; **N.L. fem. adj.** *glebica*, Pertinent to lumps of earth, referring to a species found in soil

Nomenclatural type

[NCBI Assembly: GCA_963743355.1](#)^{Ts}

Description

Species established on the basis of ANI comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly "uncultured bacterium" in Silva 138.2. Based on metabolic reconstruction, *Kastediaba glebica* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

Classification

Bacteria » *Methylomirabilota* » *Methylomirabilia* » "Rokubacteriales" » *Kastediabaceae* » *Kastediaba* » *Kastediaba glebica*^{Ts}

References

Effective publication: Sereika et al., 2025 [1]

Registry URL

<https://seqco.de/i:53775>

References

1. Sereika et al. (2025). Genome-resolved long-read sequencing expands known microbial diversity across terrestrial habitats. *Nature Microbiology*. [DOI:10.1038/s41564-025-02062-z](https://doi.org/10.1038/s41564-025-02062-z)